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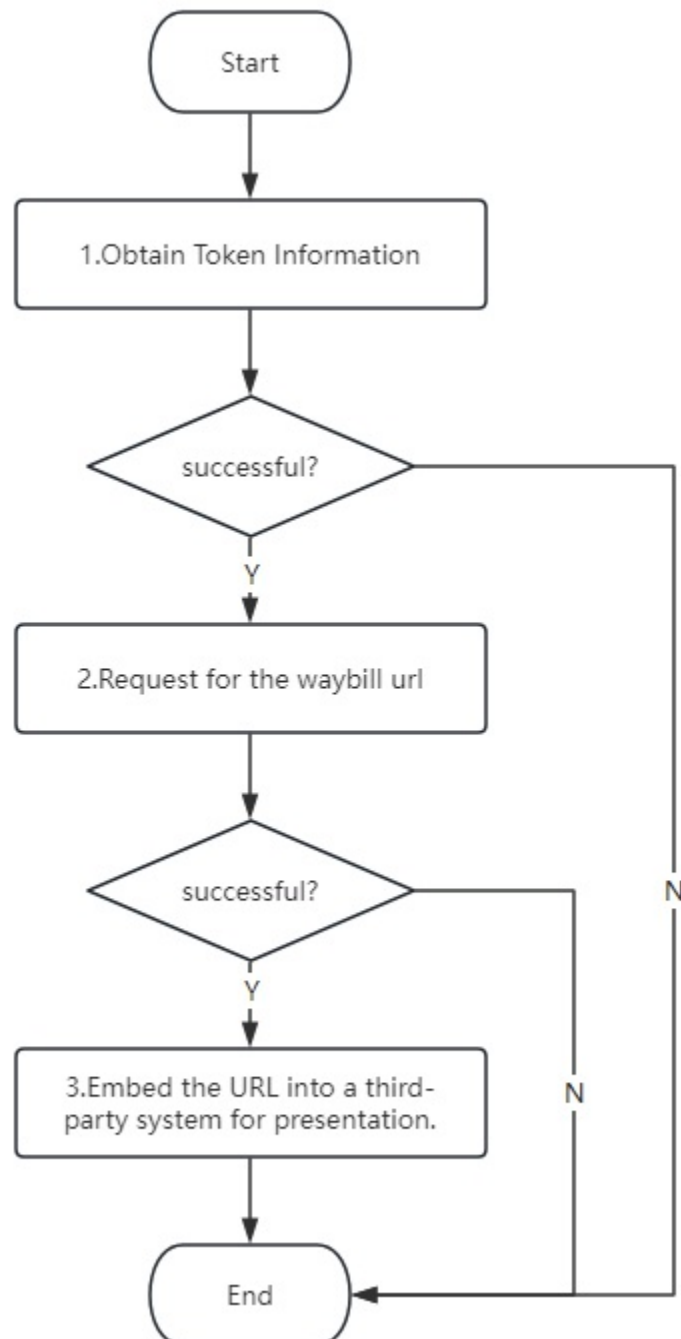
[Instructions for Accessing Waybill Details](#)

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# Instructions for Accessing Waybill Details

## Process Introduction

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## Docking Instructions

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## Interface Request Address:

Test Environment Address: <http://120.25.245.20:8092/OpenApi>

Production Environment Address (Mainland China):

<https://cloud.assetscontrols.com:3443/OpenApi>

Production Environment Address (Hong Kong, China):

<https://icloud.assetscontrols.com:3443/OpenApi>

Production Environment Address (Cairo): <https://kcloud.assetscontrols.com:3443/OpenApi>

## Request Method:

POST

## Request Header:

Parameter Name	Required	Type	Description
Content-Type	Yes	string	Request type: application/json

## 1.Obtain Token Information

The token obtained by the same user is a fixed value. It is recommended to cache the token and there is no need to request it repeatedly.

### Request Path: /login

Test Environment Address: <http://120.25.245.20:8092/OpenApi/login>

Production Environment Address (Mainland China):

<https://cloud.assetscontrols.com:3443/OpenApi/login>

Production Environment Address (Hong Kong, China):

<https://icloud.assetscontrols.com:3443/OpenApi/login>

Production Environment Address (Cairo): <https://kcloud.assetscontrols.com:3443/OpenApi/login>

## Request Parameters:

Parameter Name	Required	Type	Description
FUserName	Yes	string	User name
FPassword	Yes	string	Password (MD5(32))

## Return Example:

When correct, the return is:

```
{
  "Result": 200,
  "Message": "success",
  "FObject": [{
    "FUserName": "admin",
    "FUserGUID": "63C399BD-2A0B-40E9-857D-6DEBF4908F92",
    "FTokenID": "DB7F20D9-84C3-44C3-B05A-06A9C392A189",
    "FExpireTime": "2020-07-30T08:00:00"
  }]
}
```

When incorrect, the return is:

```
{
  "Result": 103,
  "Message": "userName or password is error",
  "FObject": null
}
```

## Explanation of Returned Parameters:

Parameter Name	Type	Description
FUserName	String	User name
FUserGUID	String	Unique user identifier
FTokenID	String	Unique identity identifier (this is required for identity verification in all subsequent interface requests)
FExpireTime	DateTime	Account expiration time (UTC time. Add 8 hours to convert it to Beijing time)

## Remarks:

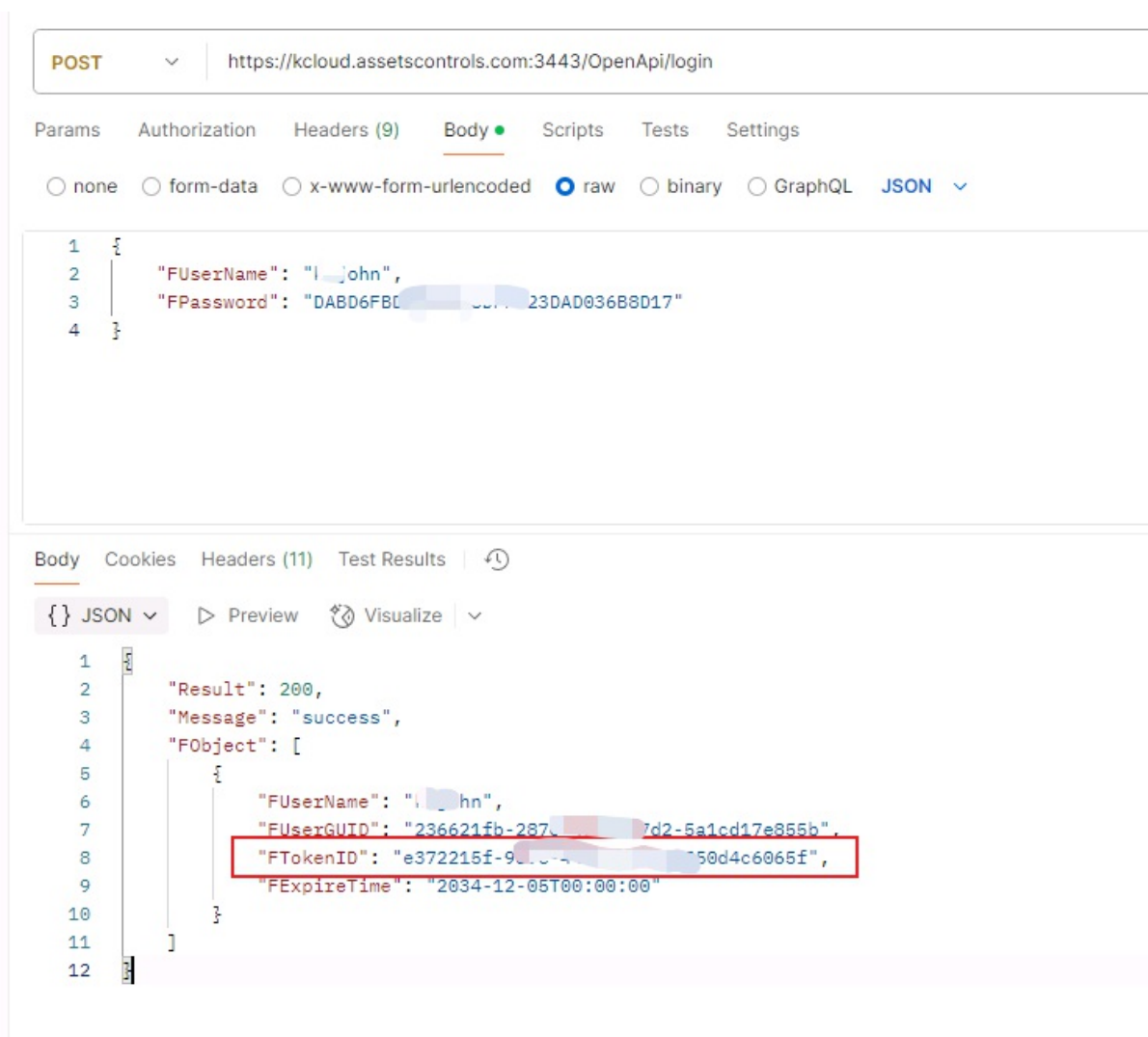
More return error codes are as follows:

106: Account expired

103: Incorrect user name or password

102: Incorrect request parameters

## Postman Request Example:



## 2.Request for the waybill url

The request interface will match the waybills that meet the conditions based on the waybill number and the relevant information. If the matching is successful, it will return the link to the waybill details. Otherwise, it will return empty information.

### Request Path: /KLRoute

Test Environment Address: <http://120.25.245.20:8092/OpenApi/KLRoute>

Production Environment Address (Mainland China):

<https://cloud.assetscontrols.com:3443/OpenApi/KLRoute>

Production Environment Address (Hong Kong, China):

<https://icloud.assetscontrols.com:3443/OpenApi/KLRoute>

Production Environment Address (Cairo):

<https://kcloud.assetscontrols.com:3443/OpenApi/KLRoute>

## Request Parameters:

Parameter Name	Required	Type	Description
FAction	Yes	string	QueryLastingDepartureInfoWithFrame (fixed value)
FTokenID	Yes	string	Authentication information
FAssetID	Yes	string	Device number
FWaybill	Yes	string	Waybill number
FTimeDifferent	Yes	int	Time difference (in minutes)
FLanguage	Yes	int	Language. 0 for English, 1 for Chinese

## Return Example:

When correct, the return is:

```
{
  "Result": 200,
  "Message": "check token success",
  "FObject": "https://xxx.assetscontrols.com:2443/fxydindex.html#/?480&xx
x&10&isIframe"
}
```

When no result is found, the return is:

```
{
  "Result": 200,
  "Message": "check token success",
  "FObject": []
}
```

When incorrect, the return is:

```
{
```

```

"Result": 102,
"Message": "parameters(FTokenID/FAction) are error",
"FObject": []
}

```

## Explanation of Returned Parameters:

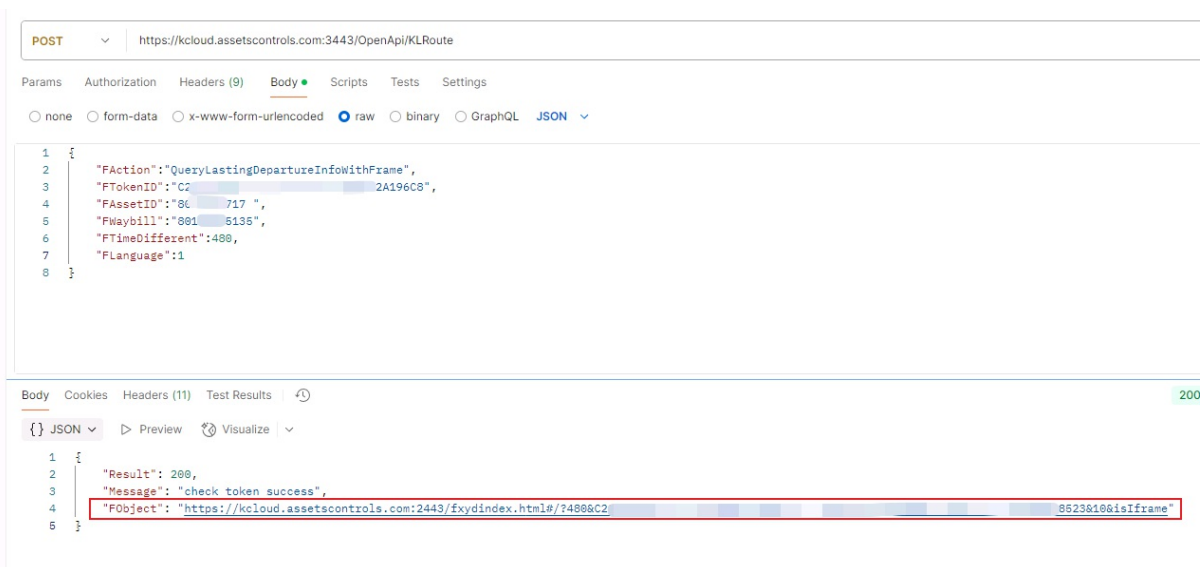
Parameter Name	Type	Description
FObject	String	URL address

## Remarks:

More return error codes are as follows:

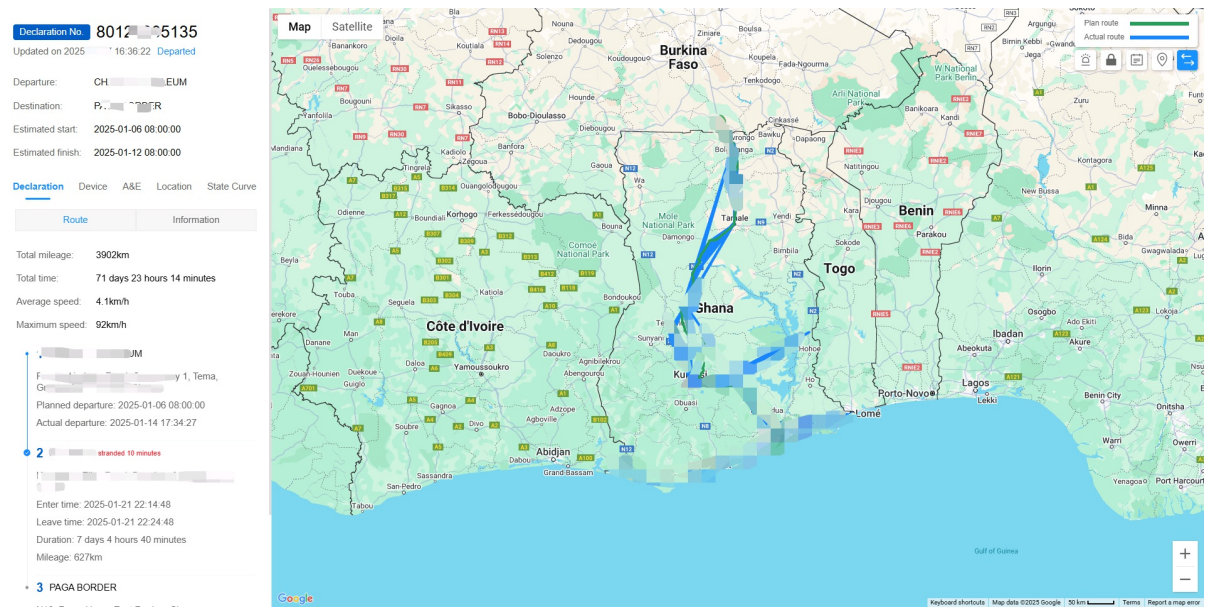
102: Incorrect request parameters

## Postman Request Example:



## 3.Embed the URL into a third-party system for presentation.

Just assign the obtained URL to the `src` attribute of the `iframe` tag in the system to be embedded.

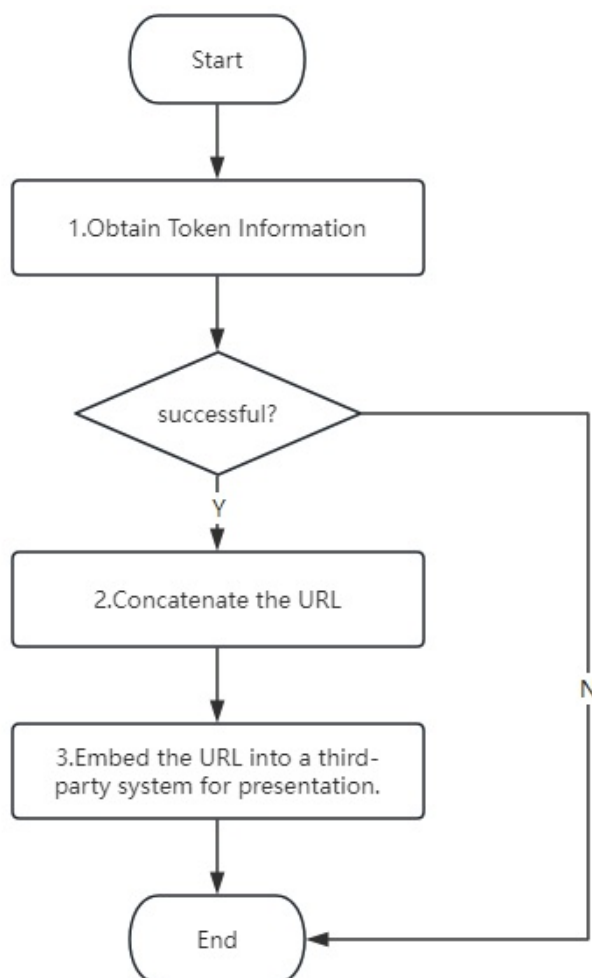




# Integrate the JointCloud Monitoring Module

## Process Introduction

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## Docking Instructions

---

### Interface Request Address:

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Test Environment Address: <http://120.25.245.20:8092/OpenApi>

Production Environment Address (Mainland China):

<https://cloud.assetscontrols.com:3443/OpenApi>

Production Environment Address (Hong Kong, China):

<https://icloud.assetscontrols.com:3443/OpenApi>

Production Environment Address (Cairo): <https://kcloud.assetscontrols.com:3443/OpenApi>

## Request Method:

POST

## Request Header:

Parameter Name	Required	Type	Description
Content-Type	Yes	string	Request type: application/json

## 1.Obtain Token Information

The token obtained by the same user is a fixed value. It is recommended to cache the token and there is no need to request it repeatedly.

### Request Path: /login

Test Environment Address: <http://120.25.245.20:8092/OpenApi/login>

Production Environment Address (Mainland China):

<https://cloud.assetscontrols.com:3443/OpenApi/login>

Production Environment Address (Hong Kong, China):

<https://icloud.assetscontrols.com:3443/OpenApi/login>

Production Environment Address (Cairo): <https://kcloud.assetscontrols.com:3443/OpenApi/login>

### Request Parameters:

Parameter Name	Required	Type	Description
FUserName	Yes	string	User name
FPassword	Yes	string	Password (MD5(32))

### Return Example:

When correct, the return is:

```
{
  "Result": 200,
  "Message": "success",
  "FObject": [{
    "FUserName": "admin",
```

```

    "FUserGUID": "63C399BD-2A0B-40E9-857D-6DEBF4908F92",
    "FTokenID": "DB7F20D9-84C3-44C3-B05A-06A9C392A189",
    "FExpireTime": "2020-07-30T08:00:00"
  }]
}

```

When incorrect, the return is:

```

{
  "Result": 103,
  "Message": "userName or password is error",
  "FObject": null
}

```

## Explanation of Returned Parameters:

Parameter Name	Type	Description
FUserName	String	User name
FUserGUID	String	Unique user identifier
FTokenID	String	Unique identity identifier (this is required for identity verification in all subsequent interface requests)
FExpireTime	DateTime	Account expiration time (UTC time. Add 8 hours to convert it to Beijing time)

## Remarks:

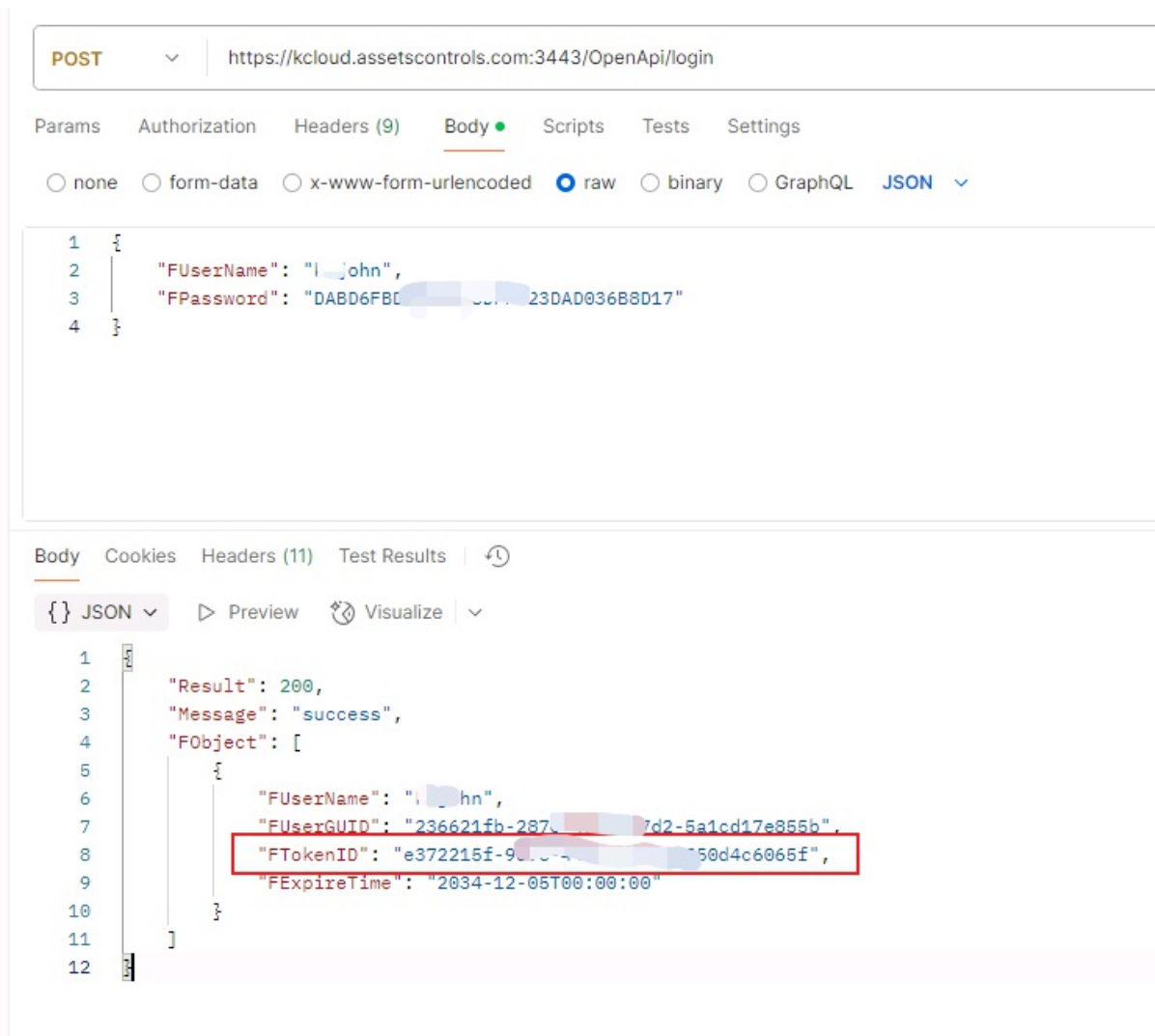
More return error codes are as follows:

106: Account expired

103: Incorrect user name or password

102: Incorrect request parameters

## Postman Request Example:



## 2.Concatenate the URL

Concatenate the URL according to the access environment

Access Environment Address:

Test Environment Address: <http://120.25.245.20:8081/>

Production Environment Address (Mainland China): <https://cloud.assetscontrols.com:2443/>

Production Environment Address (Hong Kong, China): <https://icloud.assetscontrols.com:2443/>

Production Environment Address (Cairo): <https://kcloud.assetscontrols.com:2443/>

## javascript example

```

// Authentication information obtained from the above interface
const authInfo = FObject[0];

// Specify the system language as English
authInfo.FLanguage = 'en';

```

```
// Concatenate the address
// isIframe=1 is a fixed parameter, indicating that the current link is for
// embedding.
// iframeRouteCode=11 means the embedded page is real - time monitoring, and
// iframeRouteCode=12 means the embedded page is trajectory playback.
// params is the encoded authentication information
const jtCloudUrl = `https://xxx.assetscontrols.com:2443/?isIframe=1&iframeRouteCode=11&params=${encodeURIComponent(JSON.stringify(authInfo))}`;
```

### 3.Embed the URL into a third-party system for presentation.

You just need to assign the obtained URL to the `src` attribute of the `iframe` tag in the system to be embedded.

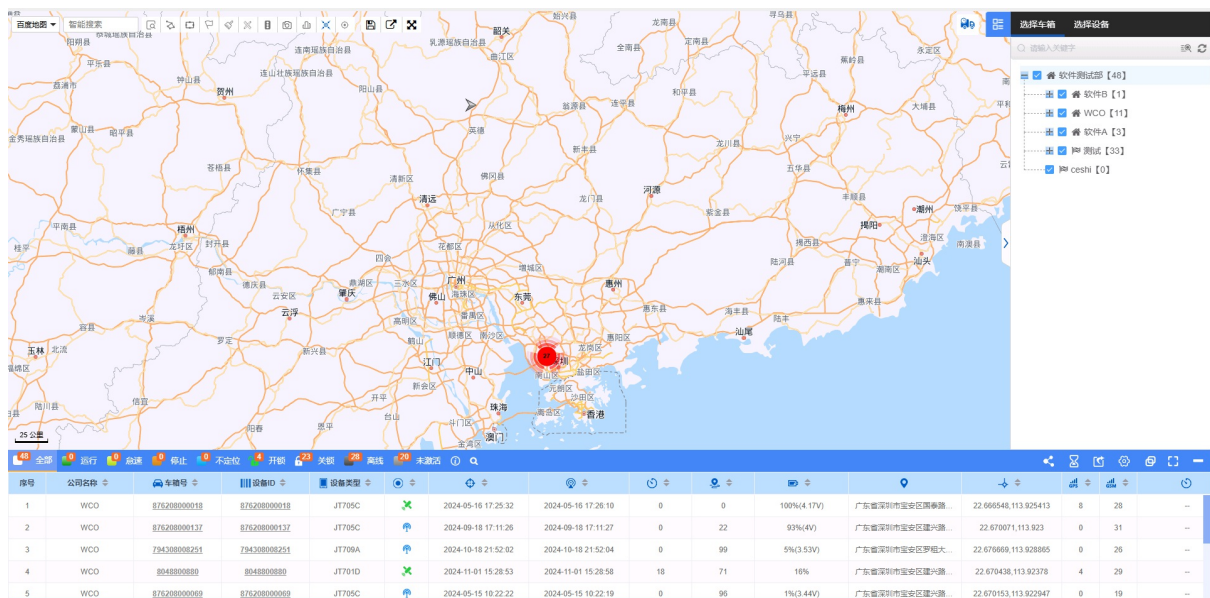
`iframeRouteCode=11` corresponds to real-time monitoring.

<http://120.25.245.20:8081/?>

[isIframe=1&iframeRouteCode=11&params=%7B%22FUserName%22%3A%22jtrj%22%2C%22FUserGUID%22%3A%2275c43ea6-017a-4102-a83e-](http://120.25.245.20:8081/?isIframe=1&iframeRouteCode=11&params=%7B%22FUserName%22%3A%22jtrj%22%2C%22FUserGUID%22%3A%2275c43ea6-017a-4102-a83e-8f6329946b40%22%2C%22FTokenID%22%3A%22ec51d691-d9a7-4f74-95a8-1856be2ae745%22%2C%22FExpireTime%22%3A%222033-08-31T00%3A00%3A00%22%7D)

[8f6329946b40%22%2C%22FTokenID%22%3A%22ec51d691-d9a7-4f74-95a8-](http://120.25.245.20:8081/?isIframe=1&iframeRouteCode=11&params=%7B%22FUserName%22%3A%22jtrj%22%2C%22FUserGUID%22%3A%2275c43ea6-017a-4102-a83e-8f6329946b40%22%2C%22FTokenID%22%3A%22ec51d691-d9a7-4f74-95a8-1856be2ae745%22%2C%22FExpireTime%22%3A%222033-08-31T00%3A00%3A00%22%7D)

[1856be2ae745%22%2C%22FExpireTime%22%3A%222033-08-31T00%3A00%3A00%22%7D](http://120.25.245.20:8081/?isIframe=1&iframeRouteCode=11&params=%7B%22FUserName%22%3A%22jtrj%22%2C%22FUserGUID%22%3A%2275c43ea6-017a-4102-a83e-8f6329946b40%22%2C%22FTokenID%22%3A%22ec51d691-d9a7-4f74-95a8-1856be2ae745%22%2C%22FExpireTime%22%3A%222033-08-31T00%3A00%3A00%22%7D)



`iframeRouteCode=12` corresponds to trajectory playback.

<http://120.25.245.20:8081/?>

[isIframe=1&iframeRouteCode=12&params=%7B%22FUserName%22%3A%22jtrj%22%2C%22FUserGUID%22%3A%2275c43ea6-017a-4102-a83e-](http://120.25.245.20:8081/?isIframe=1&iframeRouteCode=12&params=%7B%22FUserName%22%3A%22jtrj%22%2C%22FUserGUID%22%3A%2275c43ea6-017a-4102-a83e-8f6329946b40%22%2C%22FTokenID%22%3A%22ec51d691-d9a7-4f74-95a8-1856be2ae745%22%2C%22FExpireTime%22%3A%222033-08-31T00%3A00%3A00%22%7D)

[8f6329946b40%22%2C%22FTokenID%22%3A%22ec51d691-d9a7-4f74-95a8-](http://120.25.245.20:8081/?isIframe=1&iframeRouteCode=12&params=%7B%22FUserName%22%3A%22jtrj%22%2C%22FUserGUID%22%3A%2275c43ea6-017a-4102-a83e-8f6329946b40%22%2C%22FTokenID%22%3A%22ec51d691-d9a7-4f74-95a8-1856be2ae745%22%2C%22FExpireTime%22%3A%222033-08-31T00%3A00%3A00%22%7D)

[1856be2ae745%22%2C%22FExpireTime%22%3A%222033-08-31T00%3A00%3A00%22%7D](http://120.25.245.20:8081/?isIframe=1&iframeRouteCode=12&params=%7B%22FUserName%22%3A%22jtrj%22%2C%22FUserGUID%22%3A%2275c43ea6-017a-4102-a83e-8f6329946b40%22%2C%22FTokenID%22%3A%22ec51d691-d9a7-4f74-95a8-1856be2ae745%22%2C%22FExpireTime%22%3A%222033-08-31T00%3A00%3A00%22%7D)

